



ⓘ Discontinued

Main

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|-----------------------------|--------------------------|
| Range of product | INF200...800 |
| Range | FuPact |
| Product name | Fupact INF |
| Device short name | INFB250 |
| Product or component type | Switch-disconnector-fuse |
| Device application | Protection |
| Poles description | 3P |
| Protected poles description | 3f |
| Fuse type | BS |
| Fuse size | B1 B3 B2 |
| Network type | AC DC |
| Network frequency | 50/60 Hz |

Complementary

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| Control type | Rotary handle |
| Rotary handle mounting location | Front |
| Rotary handle mounting style | Extended Direct |
| Handle colour | Black |
| Handle front plate colour | Black |
| Provision for padlocking | 3 padlocks |
| Mounting support | Mounting plate |
| [I _e] rated operational current | AC-22A: 250 A AC 50/60 Hz 220/240 V AC-22A: 250 A AC 50/60 Hz 380/415 V AC-22A: 250 A AC 50/60 Hz 440/480 V AC-22A: 250 A AC 50/60 Hz 500/525 V AC-22A: 250 A AC 50/60 Hz 660/690 V AC-23A: 250 A AC 50/60 Hz 220/240 V AC-23A: 250 A AC 50/60 Hz 380/415 V AC-23A: 250 A AC 50/60 Hz 440/480 V AC-23A: 250 A AC 50/60 Hz 500/525 V AC-23A: 250 A AC 50/60 Hz 660/690 V |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

DC-22A: 250 A DC 125 V 2 poles in series
 DC-22A: 250 A DC 250 V 2 poles in series
 DC-22A: 250 A DC 500 V 3 poles in series
 DC-22A: 250 A DC 750 V 3 poles in series
 DC-23A: 250 A DC 125 V 2 poles in series
 DC-23A: 250 A DC 250 V 2 poles in series
 DC-23A: 250 A DC 500 V 3 poles in series
 DC-23A: 250 A DC 750 V 3 poles in series

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| [Ith] conventional free air thermal current | 161 A (70 °C) horizontal 172 A (65 °C) horizontal 175 A (70 °C) vertical 184 A (60 °C) horizontal 187 A (65 °C) vertical 195 A (55 °C) horizontal 200 A (60 °C) vertical 207 A (50 °C) horizontal 212 A (55 °C) vertical 218 A (45 °C) horizontal 225 A (50 °C) vertical 230 A (40 °C) horizontal 237 A (45 °C) vertical 242 A (35 °C) horizontal 250 A (40 °C) power dissipation per fuse: 32 W 250 A (40 °C) vertical |
| [Ithe] conventional enclosed thermal current | 230 A at 40 °C, Power dissipation per fuse: 27 W (600 mm x 350 mm x 300 mm) 250 A at 40 °C, Power dissipation per fuse: 23 W (600 mm x 350 mm x 300 mm) |
| Maximum power | 132 kW at 380/400 V AC 50/60 Hz 140 kW at 415 V AC 50/60 Hz 170 kW at 500/525 V AC 50/60 Hz 230 kW at 660/690 V AC 50/60 Hz 70 kW at 220/240 V AC 50/60 Hz |
| Rated duty | Uninterrupted |
| Intermittent duty class | Class 120 - 60 % |
| [Ui] rated insulation voltage | 1000 V AC 50/60 Hz 1000 V DC |
| [Uimp] rated impulse withstand voltage | 12 kV |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz 1000 V AC 50/60 Hz AC-20 1000 V DC DC-20 750 V DC |
| [Im] rated making and breaking capacity | Icm 105 kA at 690 V conforming to DIN (with fuse) Icm 176 kA at 415 V conforming to BS (with fuse) Icm 220 kA at 500 V conforming to DIN (with fuse) Icn 100 kA at 500 V conforming to DIN (with fuse) Icn 50 kA at 690 V conforming to DIN (with fuse) Icn 80 kA at 415 V conforming to BS (with fuse) Icm 35 kA at 690 V (without fuse) Icm 40 kA at 415 V (without fuse) Icm 40 kA at 500 V (without fuse) |
| Suitability for isolation | Yes |
| Contact position indicator | Yes |
| Contact operation | Double-break |

Environment

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| Mechanical durability | 8000 cycles |
| Electrical durability | AC-22A: 1000 cycles 500 V AC 50/60 Hz AC-22A: 1000 cycles 690 V AC 50/60 Hz AC-23A: 1000 cycles 500 V AC 50/60 Hz AC-23A: 1000 cycles 690 V AC 50/60 Hz |
| [Icw] rated short-time withstand current | 8 kA for 1 s 1.5 kA for 30 s 1.8 kA for 20 s 4.65 kA for 3 s |
| Design | Horizontal design |
| Tightening torque | 30...44 N.m for terminal |
| Height | 232 mm |

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|---------------------------------------|--|
| Width | 278 mm |
| Depth | 199 mm |
| Standards | EN/IEC 60947-3 EN/IEC 60269-4 EN/IEC 60269-1 EN/IEC 60947-1 EN/IEC 60947-5 |
| Product certifications | KEMA-KEUR |
| IP degree of protection | IP20 conforming to IEC 60529 IP65 conforming to IEC 60529 |
| IK degree of protection | IK07 conforming to EN 50102 IK10 conforming to EN 50102 |
| Pollution degree | 3 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |

Packing Units

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| Package 1 Weight | 7.000 kg |
| Package 1 Height | 2.400 dm |
| Package 1 width | 2.600 dm |
| Package 1 Length | 4.500 dm |

Contractual warranty

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| Warranty | 18 months |
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